Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
Data File : VX019894.D
Acq On : 11 Dec 2020 22:49
Operator : JC/MD
Sample : L4996-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE134D3-20201208

Quant Time: Dec 12 00:07:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	306071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	510002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	475124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	195164	48.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.04%			
35) Dibromofluoromethane	5.46	113	157571	47.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.62%			
50) Toluene-d8	8.70	98	618073	49.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.24%			
62) 4-Bromofluorobenzene	11.12	95	219820	45.90	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	951	0.339	ug/l	87
5) Bromomethane	1.63	94	675	0.585	ug/l #	61
8) Diethyl Ether	2.36	74	1256	0.612	ug/l #	13
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1587773	572.417	ug/l	99
11) Tert butyl alcohol	2.99	59	970	Below Cal	#	73
12) 1,1-Dichloroethene	2.36	96	10825	3.860	ug/l #	87
16) Acetone	2.42	43	1505	0.995	ug/l	100
20) Methylene Chloride	2.83	84	682	Below Cal	#	86
24) 1,1-Dichloroethane	3.67	63	1779	0.308	ug/l #	90
27) cis-1,2-Dichloroethene	4.56	96	9066	2.370	ug/l	95
29) Tetrahydrofuran	5.10	42	434	0.290	ug/l #	54
30) Chloroform	5.18	83	1936	0.326	ug/l	84
31) Cyclohexane	5.62	56	5736	1.146	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	22569	4.897	ug/l #	49
38) Carbon Tetrachloride	5.63	117	30155	6.682	ug/l #	16
39) Methylcyclohexane	7.18	83	5759	1.064	ug/l #	1
42) 1,2-Dichloroethane	6.16	62	1692	0.352	ug/l	83
44) Trichloroethene	7.19	130	511840	138.572	ug/l	97
45) 1,2-Dichloropropane	7.49	63	1874	0.533	ug/l	95
49) 1,4-Dioxane	7.71	88	2254	25.009	ug/l	98
51) 4-Methyl-2-Pentanone	8.70	43	2852	0.617	ug/l #	1
60) Dibromochloromethane	9.32	129	156565	43.431	ug/l #	11
64) Tetrachloroethene	9.32	164	164019	51.477	ug/l	96
76) 1,2,3-Trichloropropane	11.12	75	106296	22.789	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	106296	65.878	ug/l #	12

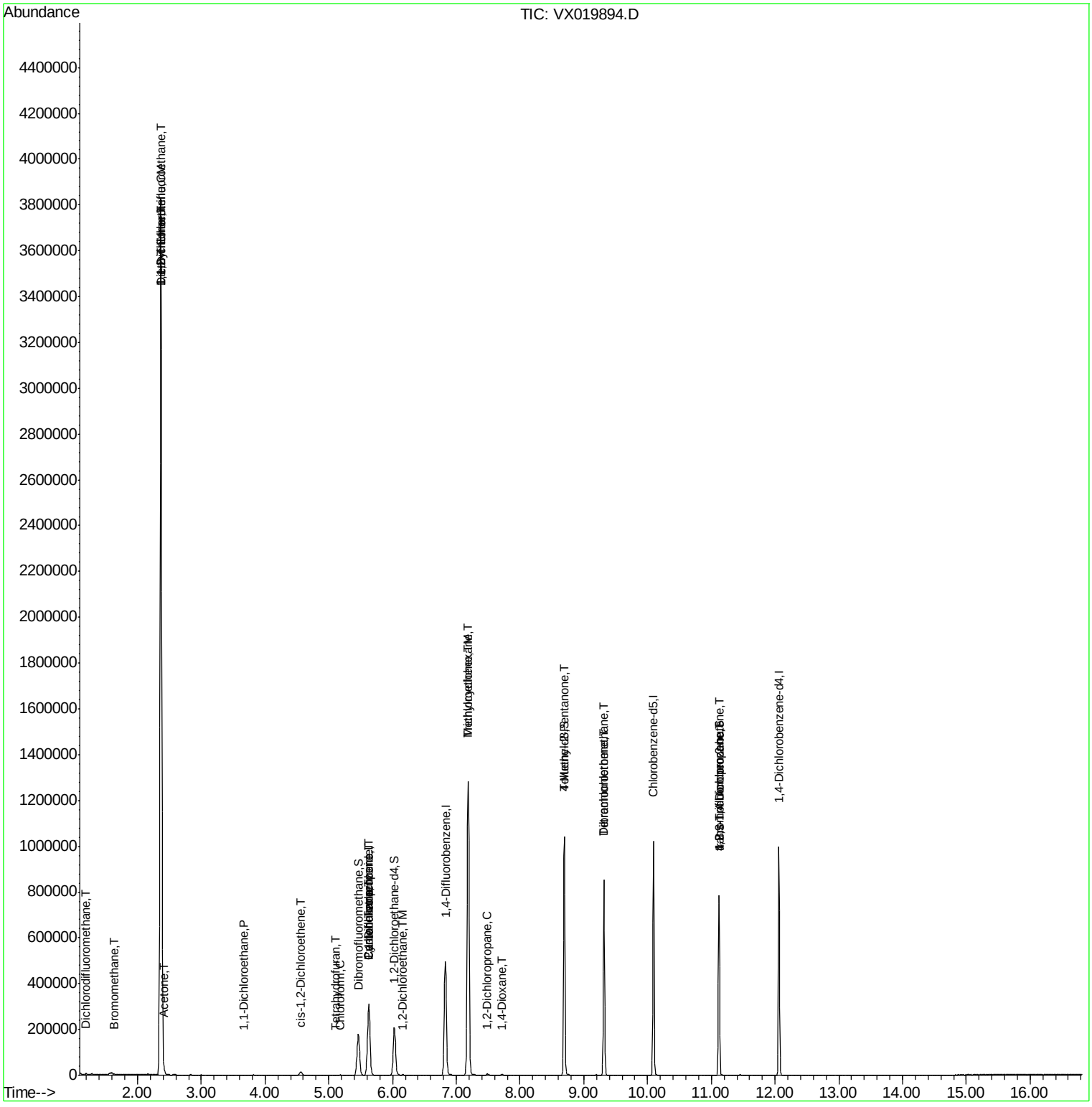
(#) = qualifier out of range (m) = manual integration (+) = signals summed

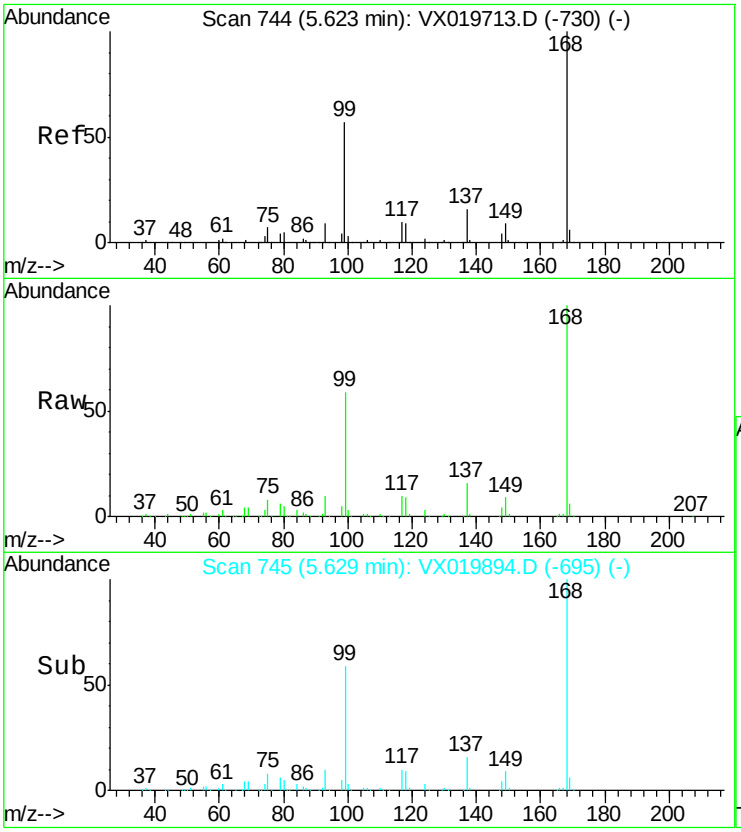
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
Data File : VX019894.D
Acq On : 11 Dec 2020 22:49
Operator : JC/MD
Sample : L4996-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Quant Time: Dec 12 00:07:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



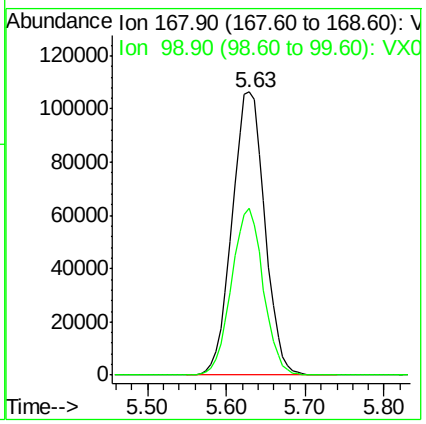


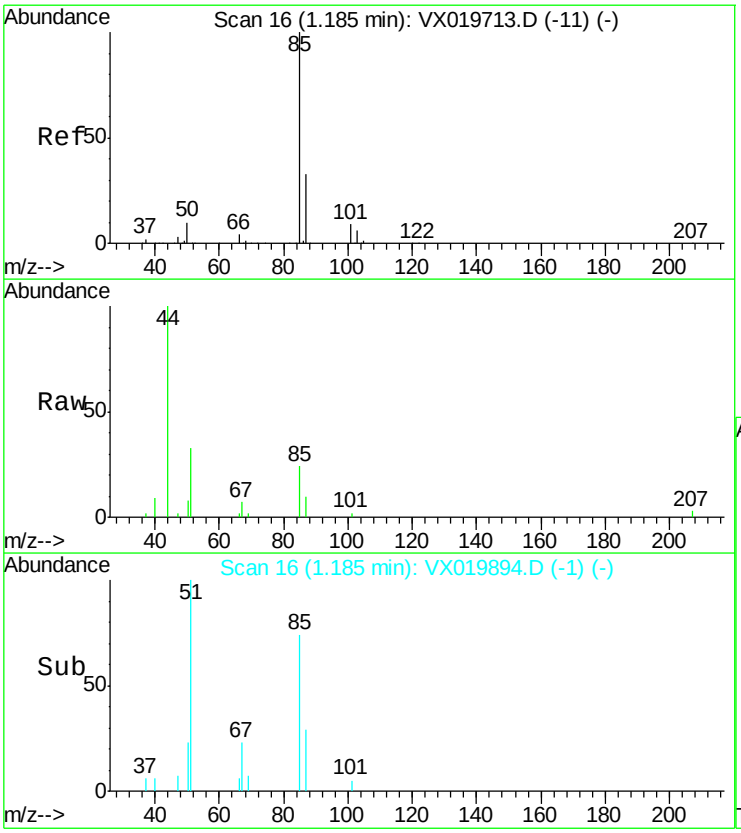
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion:168 Resp: 306071

Ion	Ratio	Lower	Upper
168	100		
99	58.9	45.8	68.6

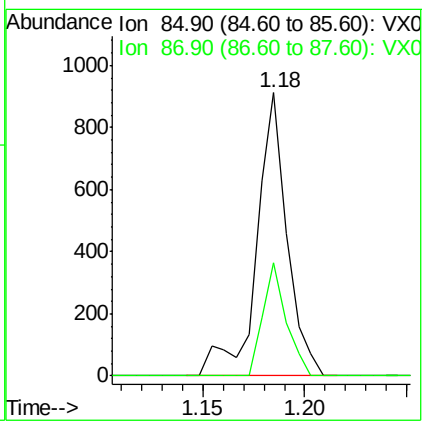


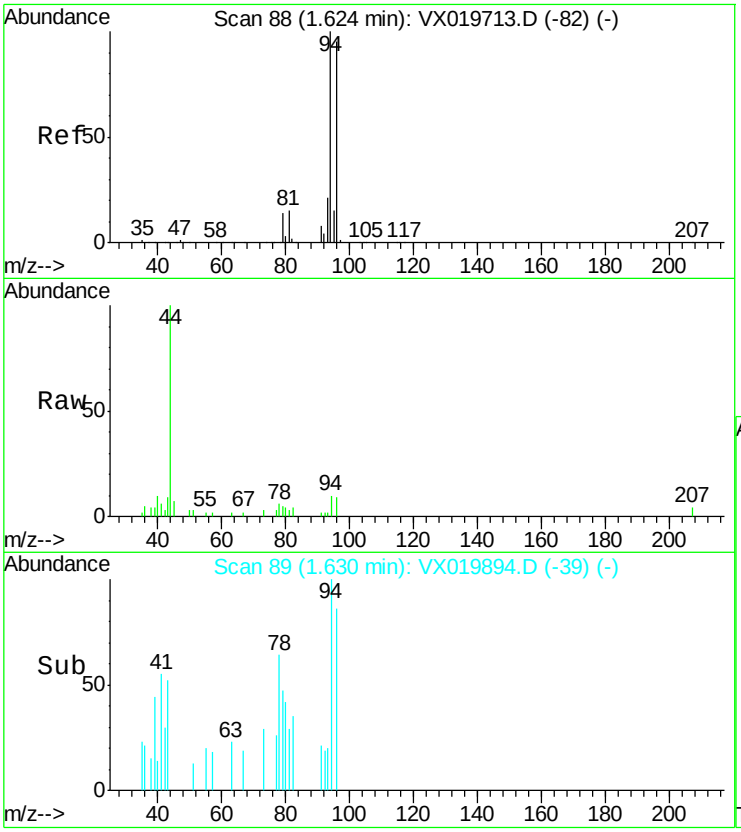


#2
Dichlorodifluoromethane
Concen: 0.339 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 85 Resp: 951

Ion	Ratio	Lower	Upper
85	100		
87	39.9	16.4	49.2



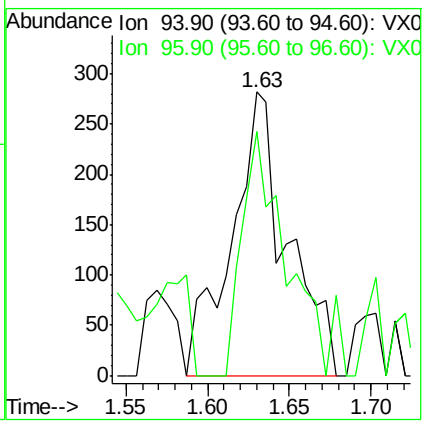


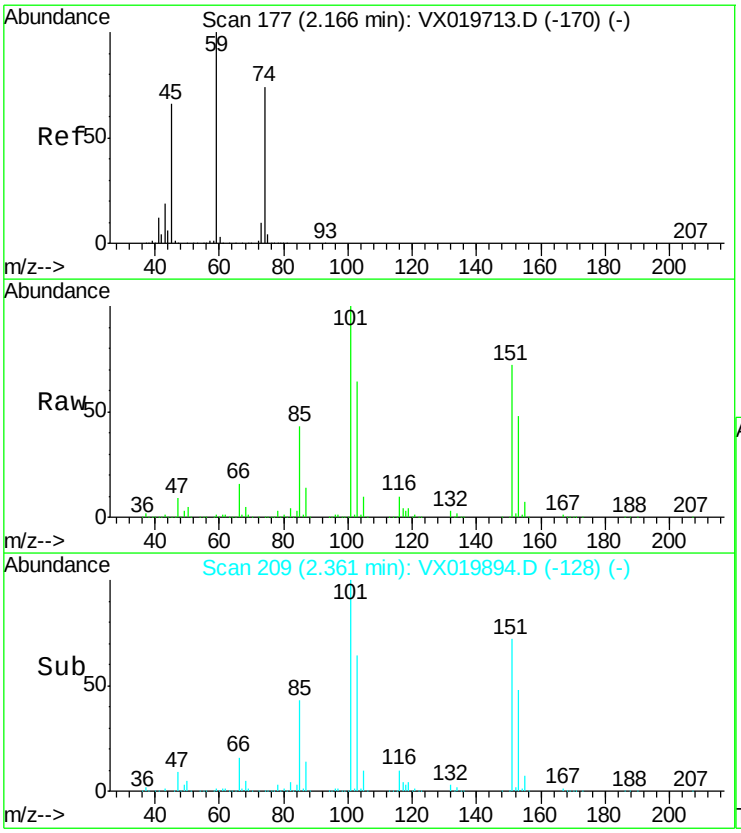
#5
Bromomethane
Concen: 0.585 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion: 94 Resp: 675

Ion	Ratio	Lower	Upper
94	100		
96	57.8	76.4	114.6#

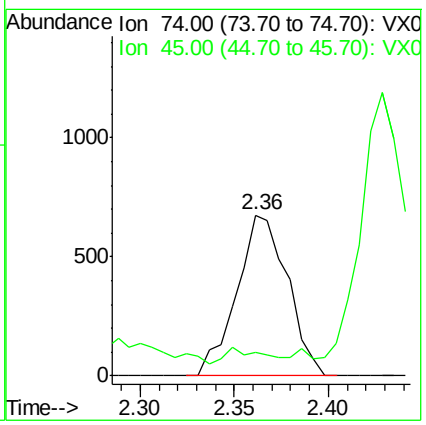


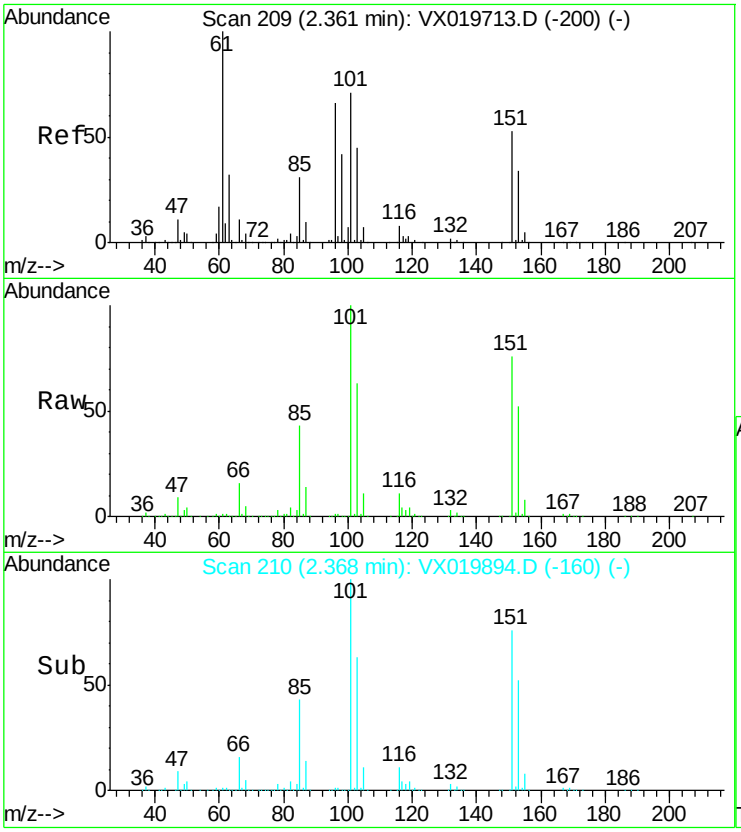


#8
Diethyl Ether
Concen: 0.612 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.20 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 74 Resp: 1256

Ion	Ratio	Lower	Upper
74	100		
45	7.4	44.5	133.5#



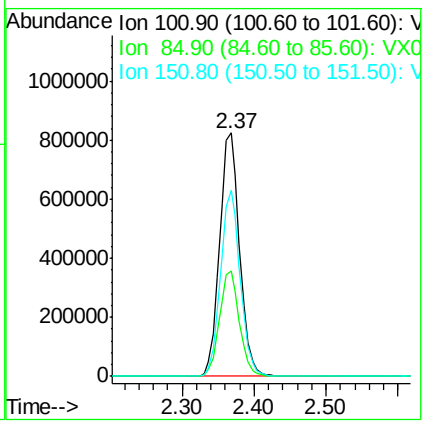


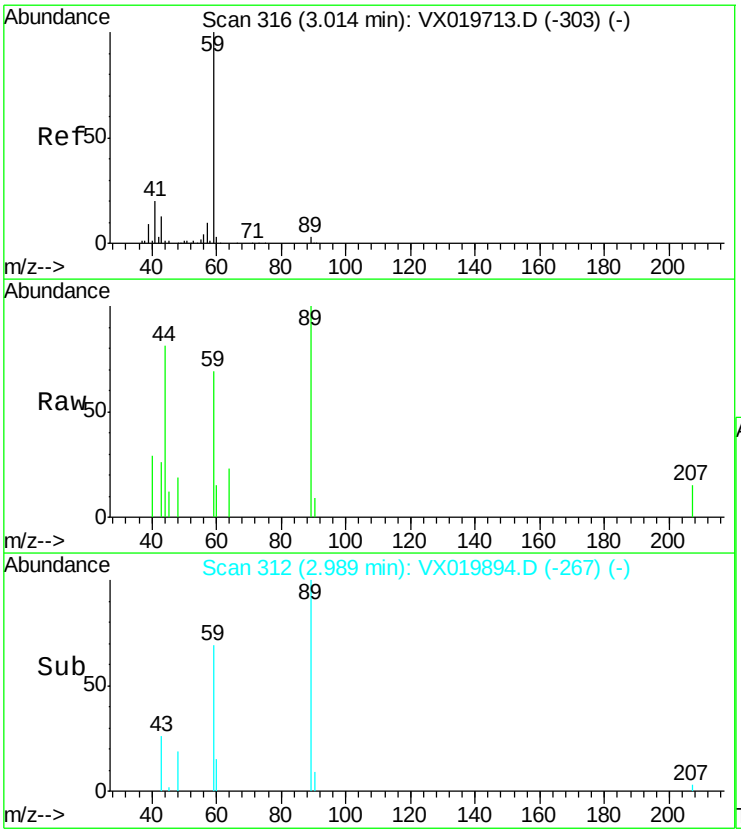
#9
1,1,2-Trichlorotrifluoroethane
Concen: 572.417 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion:101 Resp: 1587773

Ion	Ratio	Lower	Upper
101	100		
85	43.1	34.9	52.3
151	75.7	61.4	92.2

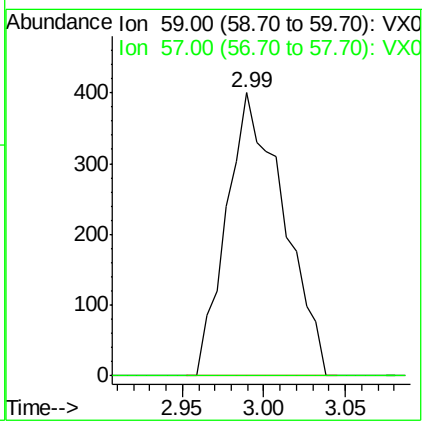


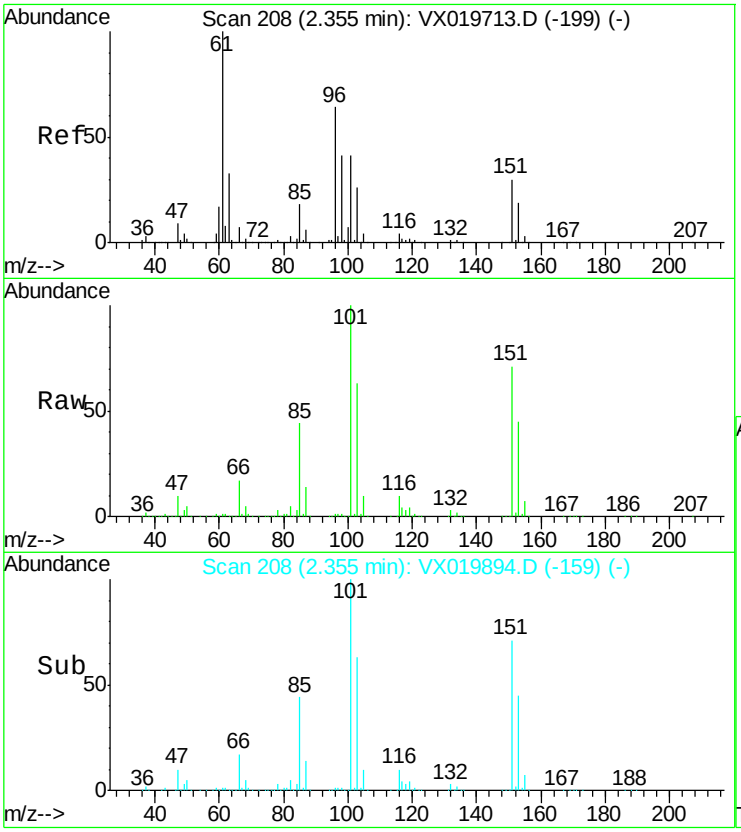


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 59 Resp: 970

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



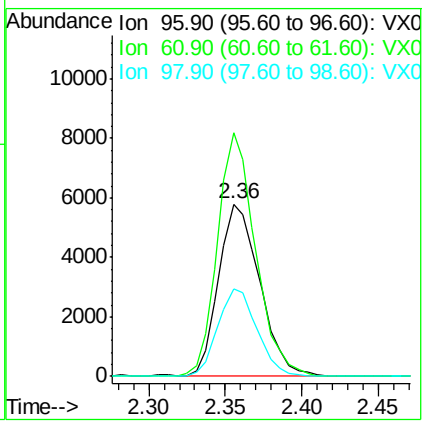


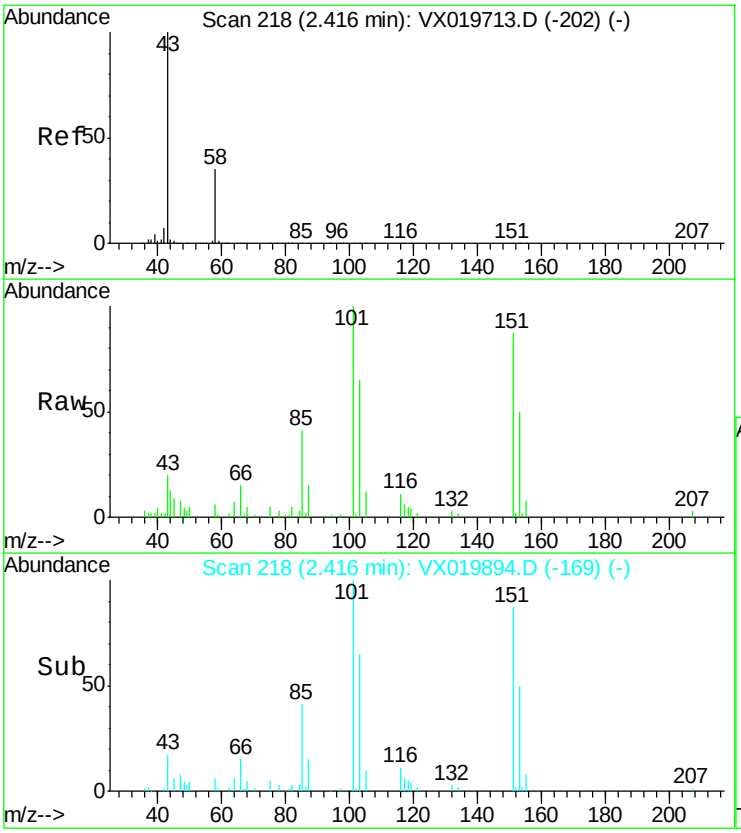
#12
1,1-Dichloroethene
Concen: 3.860 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion: 96 Resp: 10825

Ion	Ratio	Lower	Upper
96	100		
61	141.1	124.6	187.0
98	50.6	50.6	76.0#

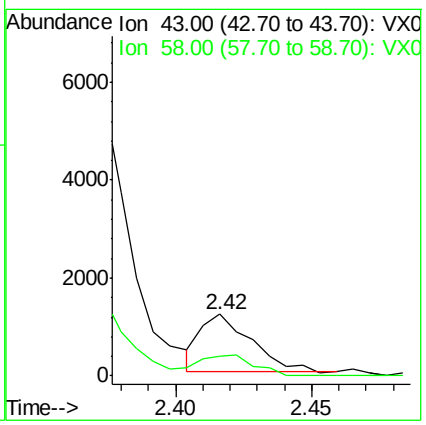


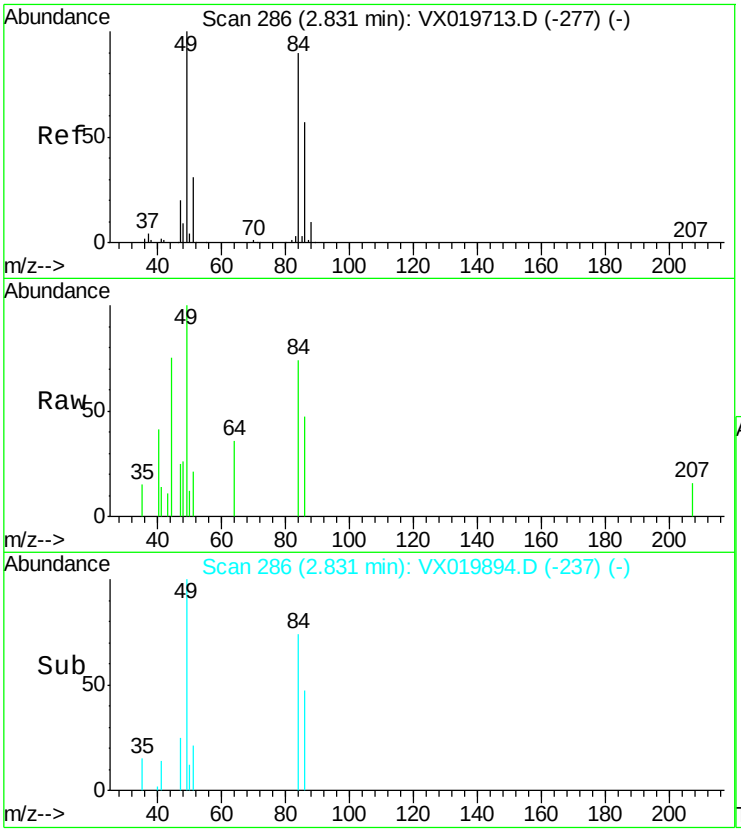


#16
Acetone
Concen: 0.995 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 43 Resp: 1505

Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.8	41.8



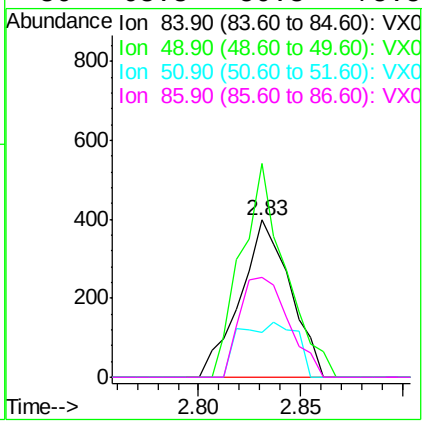


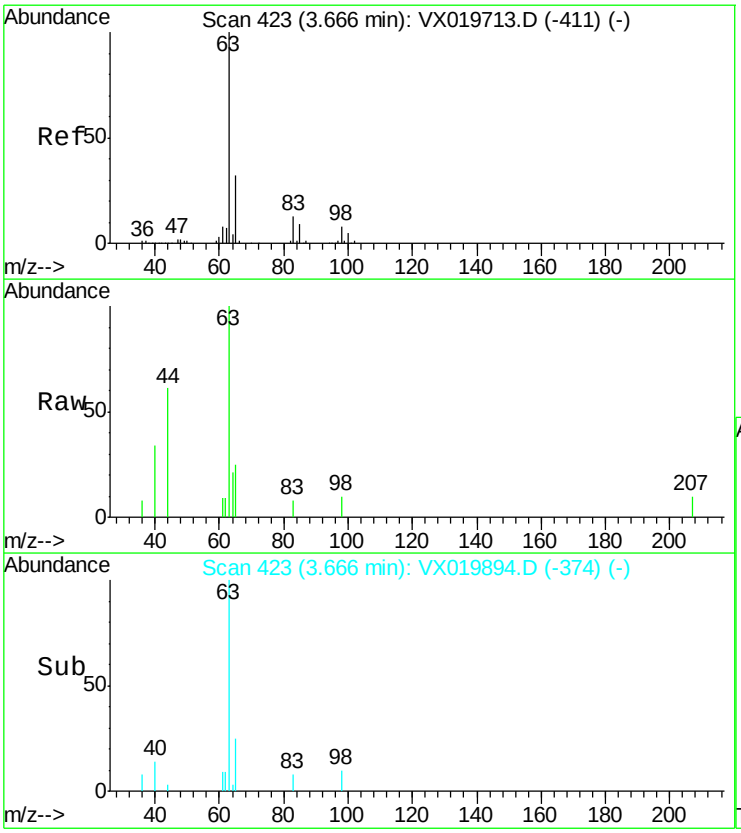
#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument : MSVOA_X
ClientSampleId : RE134D3-20201208

Tgt Ion: 84 Resp: 682

Ion	Ratio	Lower	Upper
84	100		
49	135.9	88.6	132.8#
51	28.9	27.0	40.6
86	63.8	50.3	75.5

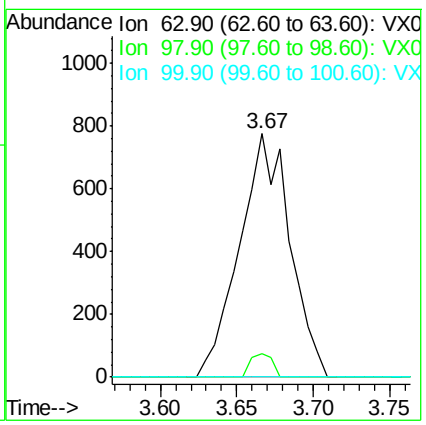


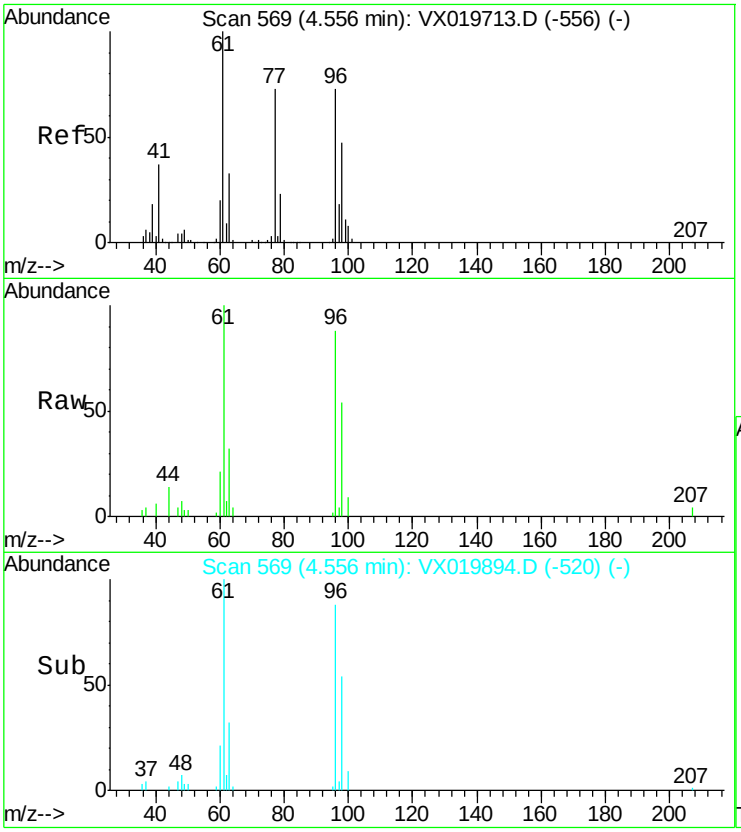


#24
1,1-Dichloroethane
Concen: 0.308 ug/l
RT: 3.67 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 63 Resp: 1779

Ion	Ratio	Lower	Upper
63	100		
98	9.8	3.8	11.2
100	0.0	2.5	7.5#



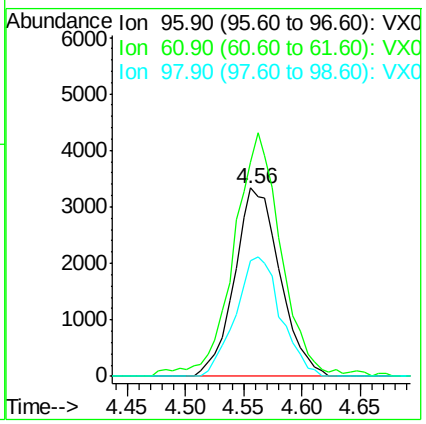


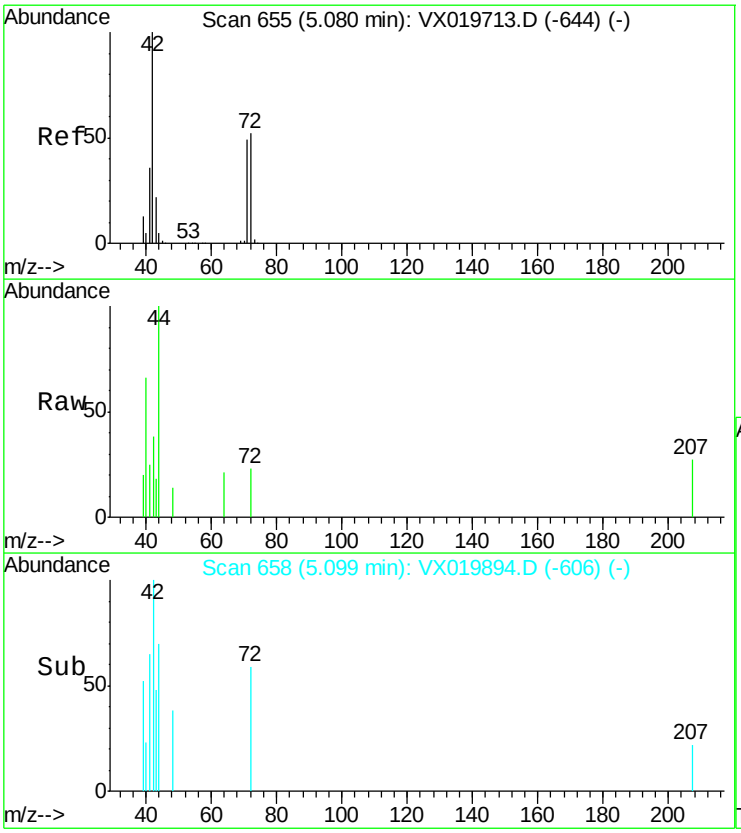
#27
cis-1,2-Dichloroethene
Concen: 2.370 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion: 96 Resp: 9066

Ion	Ratio	Lower	Upper
96	100		
61	135.4	0.0	285.6
98	63.0	0.0	129.6

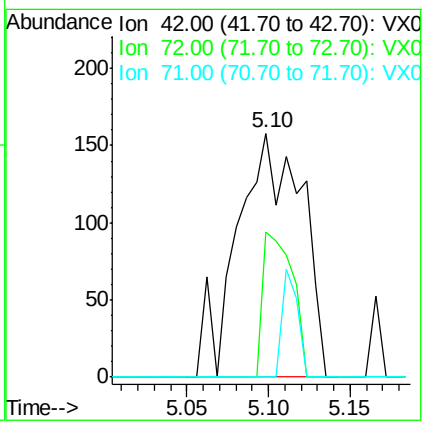


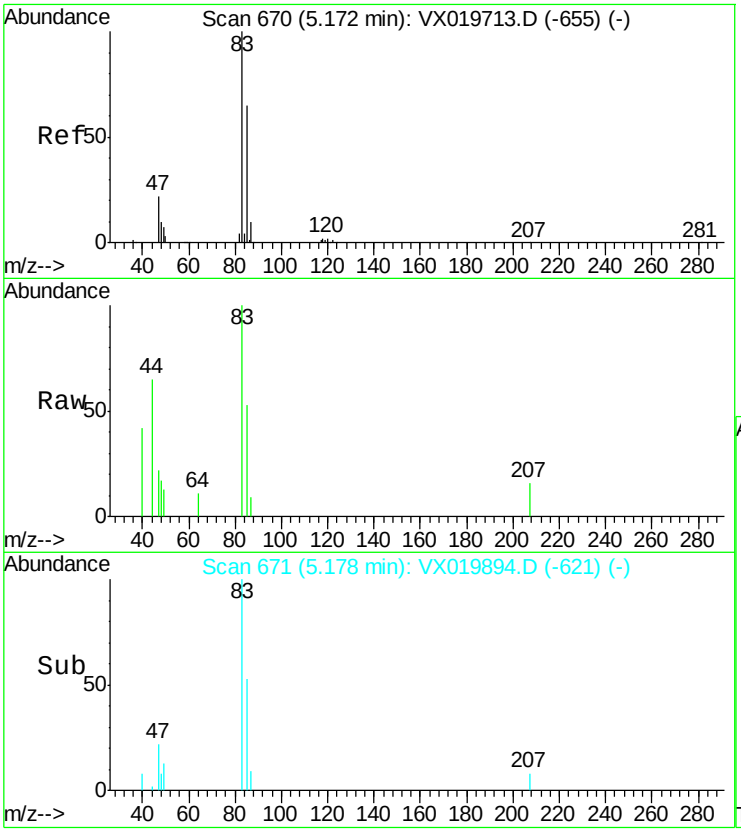


#29
Tetrahydrofuran
Concen: 0.290 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 42 Resp: 434

Ion	Ratio	Lower	Upper
42	100		
72	27.0	41.7	62.5#
71	10.1	38.4	57.6#



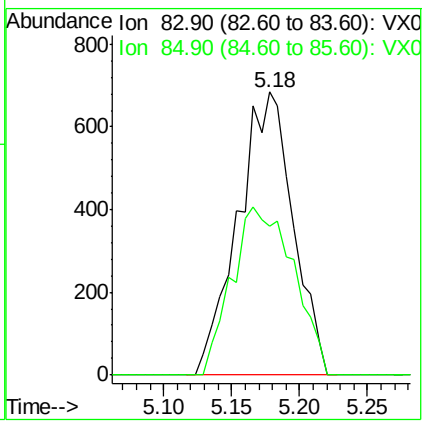


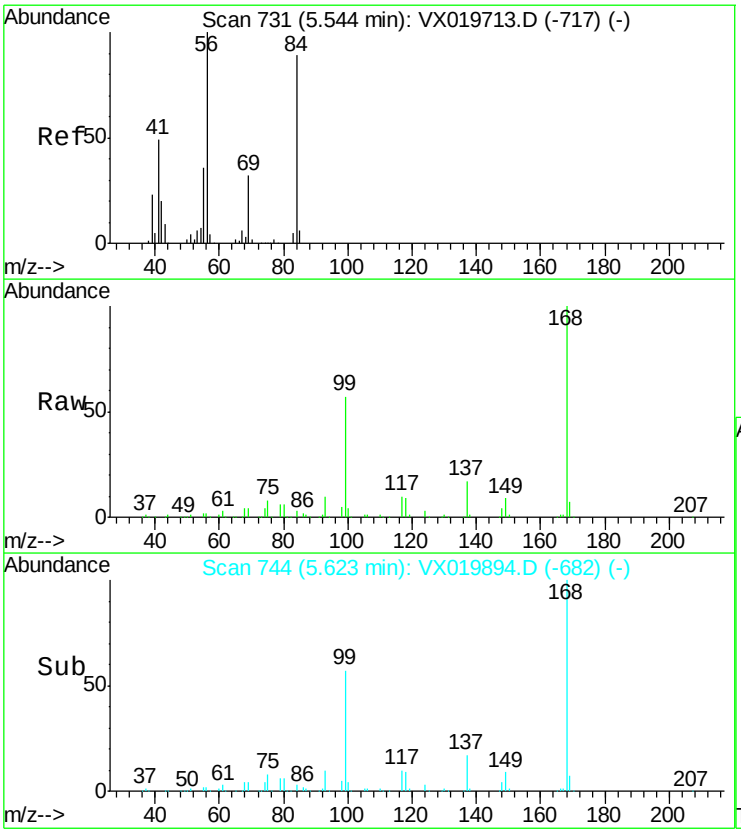
#30
Chloroform
Concen: 0.326 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion: 83 Resp: 1936

Ion	Ratio	Lower	Upper
83	100		
85	52.6	52.0	78.0

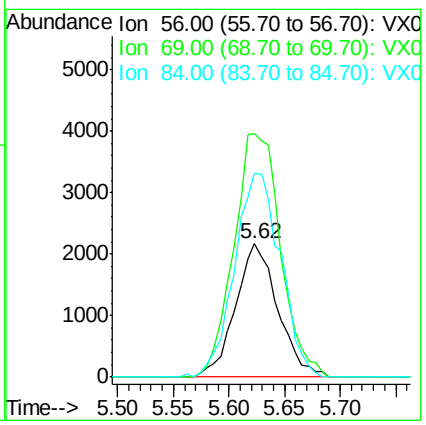


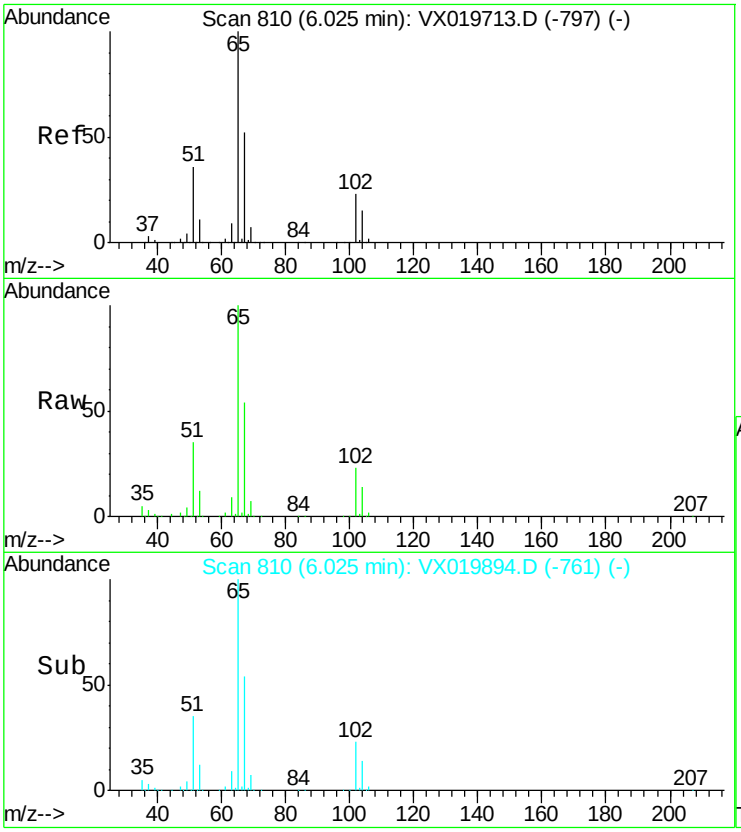


#31
Cyclohexane
Concen: 1.146 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 56 Resp: 5736

Ion	Ratio	Lower	Upper
56	100		
69	182.8	25.3	37.9#
84	153.2	71.4	107.0#



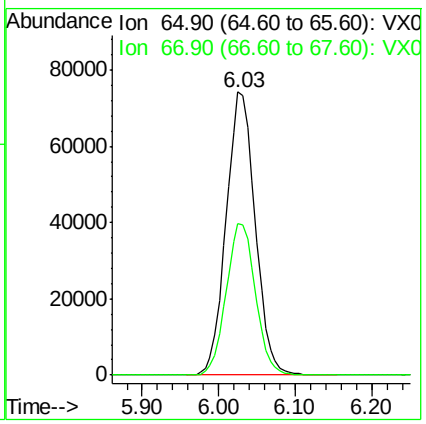


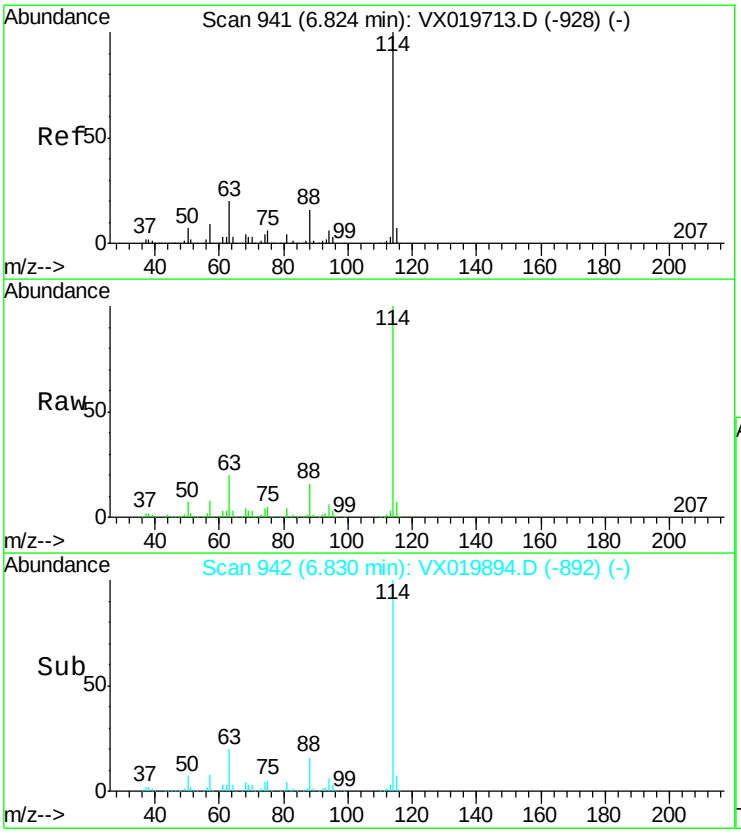
#33
1,2-Dichloroethane-d4
Concen: 48.516 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument : MSVOA_X
ClientSampleId : RE134D3-20201208

Tgt Ion: 65 Resp: 195164

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	105.4

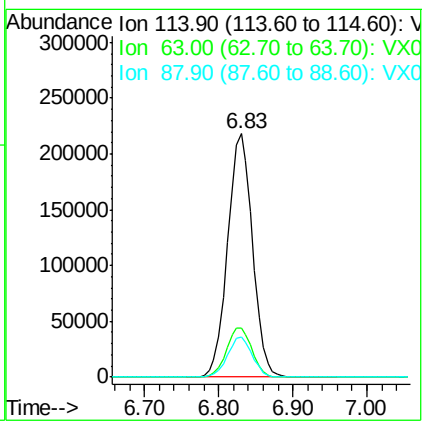


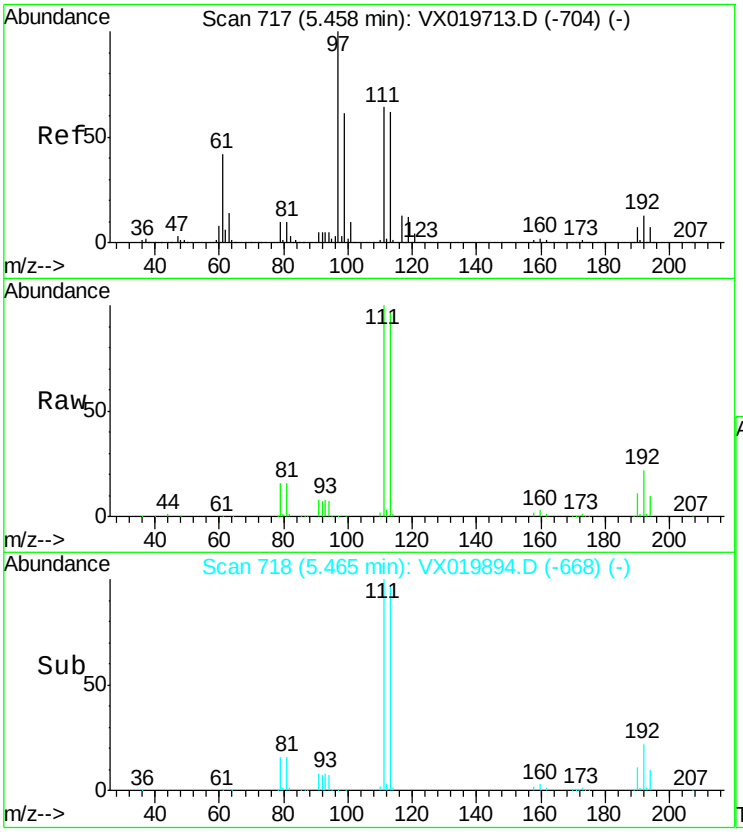


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion:114 Resp: 510002

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.8
88	16.3	0.0	32.8



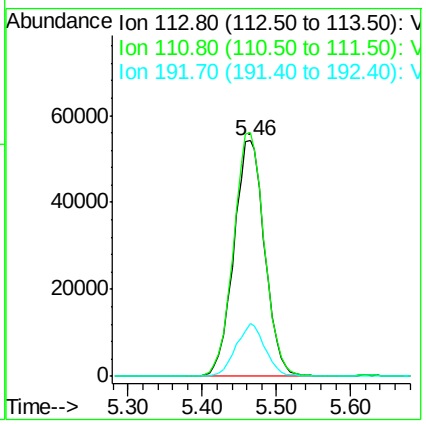


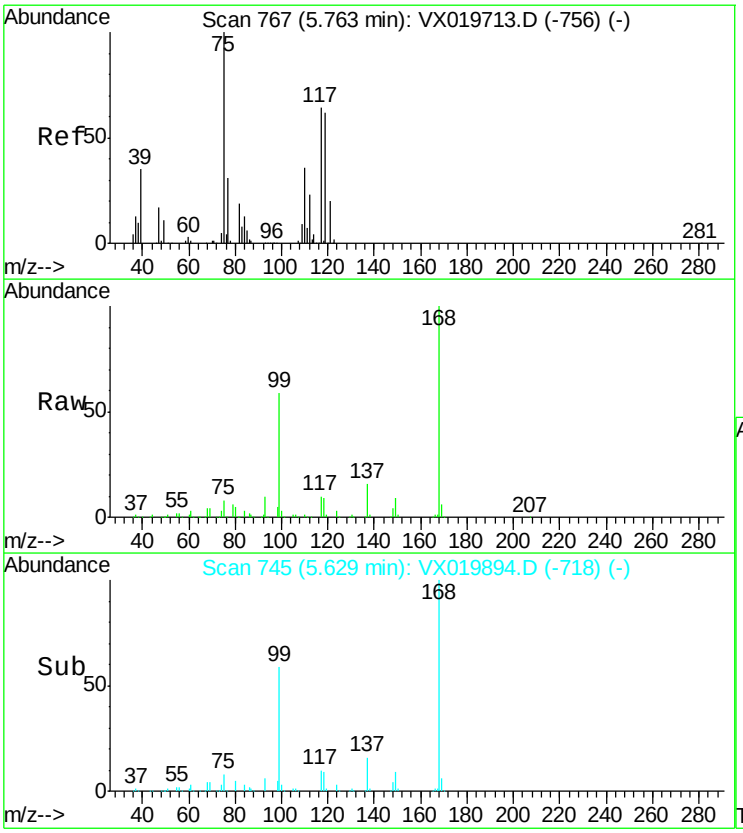
#35
Dibromofluoromethane
Concen: 47.806 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion:113 Resp: 157571

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	21.1	16.7	25.1

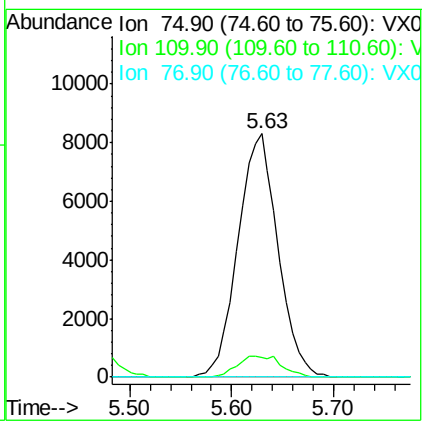


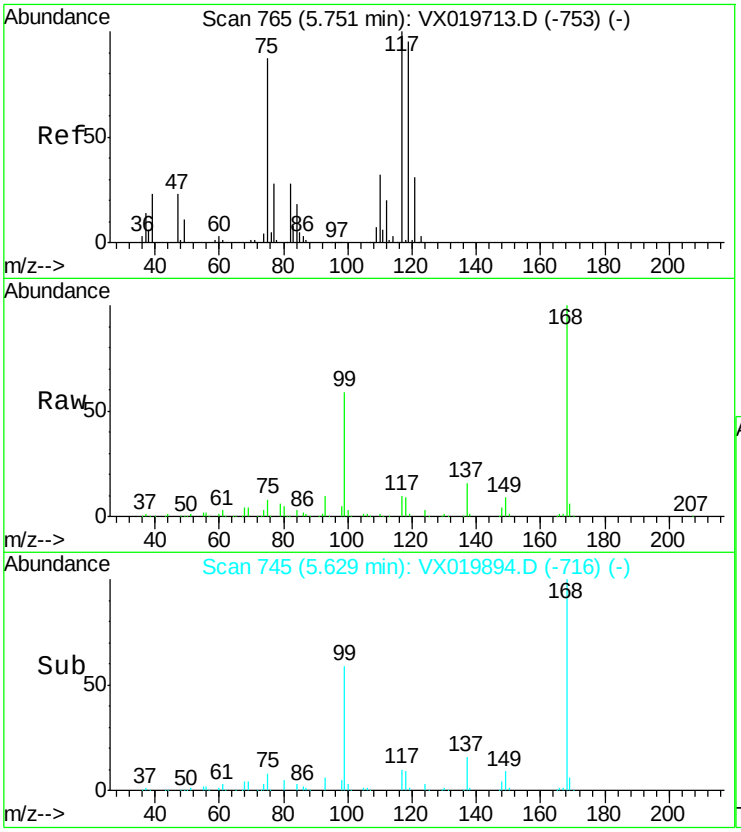


#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 75 Resp: 22569

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#



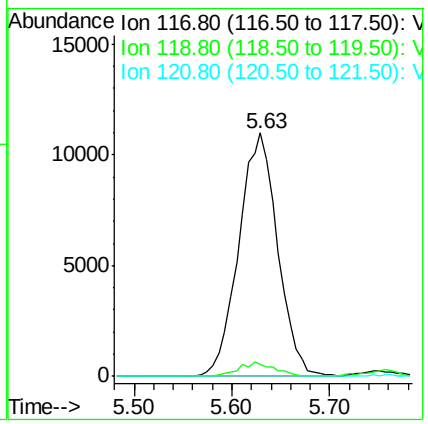


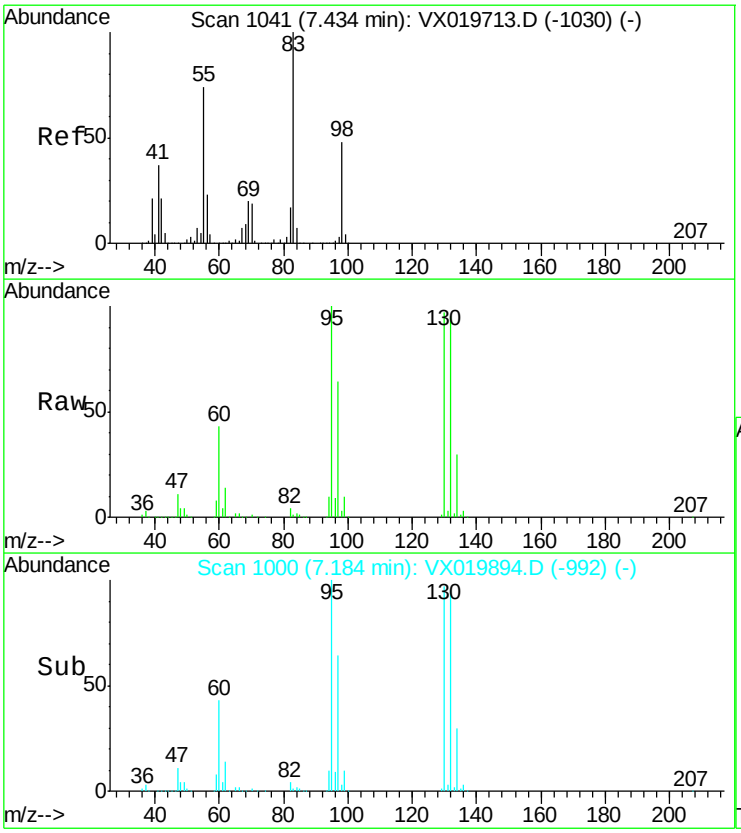
#38
Carbon Tetrachloride
Concen: 6.682 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion:117 Resp: 30155

Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.2	114.2#
121	0.0	24.8	37.2#

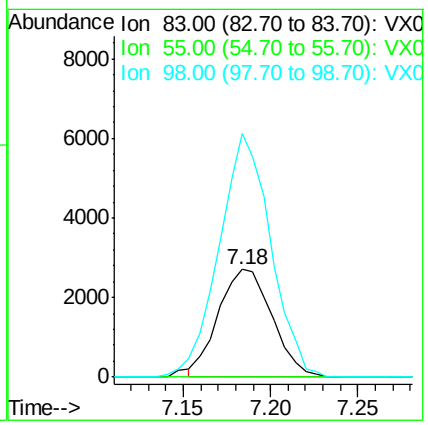


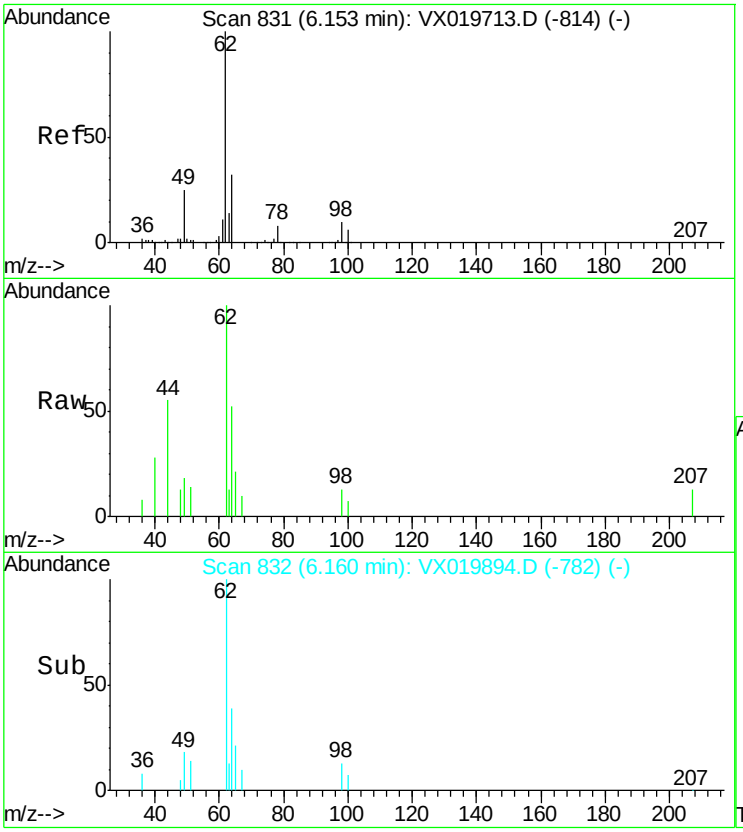


#39
Methylcyclohexane
Concen: 1.064 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.25 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 83 Resp: 5759

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	226.0	38.1	57.1#



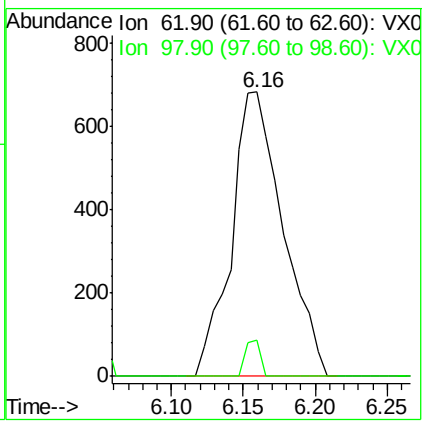


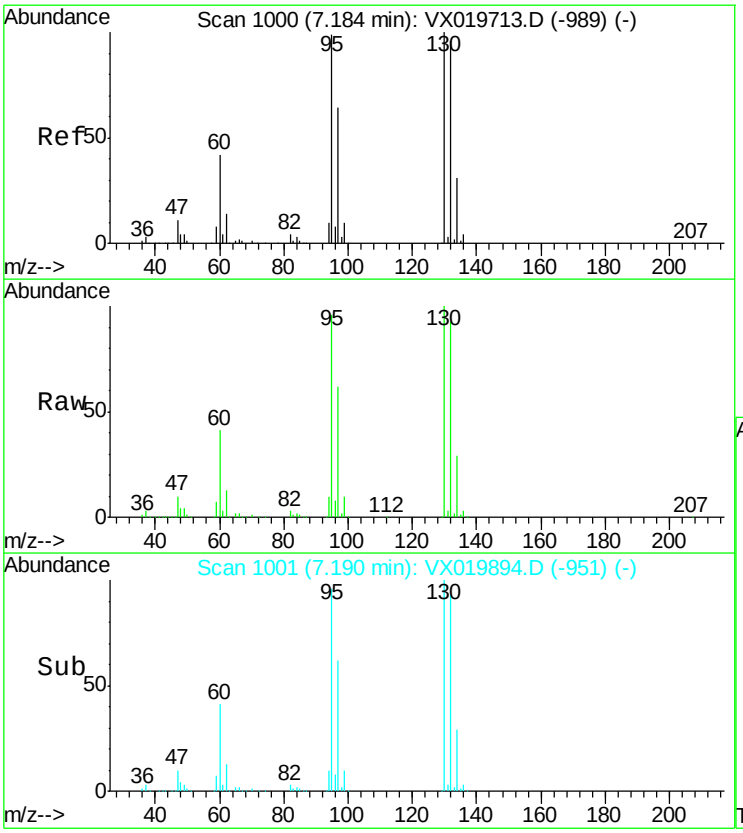
#42
1,2-Dichloroethane
Concen: 0.352 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion: 62 Resp: 1692

Ion	Ratio	Lower	Upper
62	100		
98	3.6	0.0	20.2

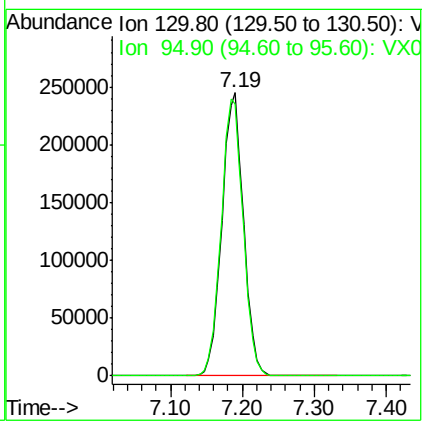


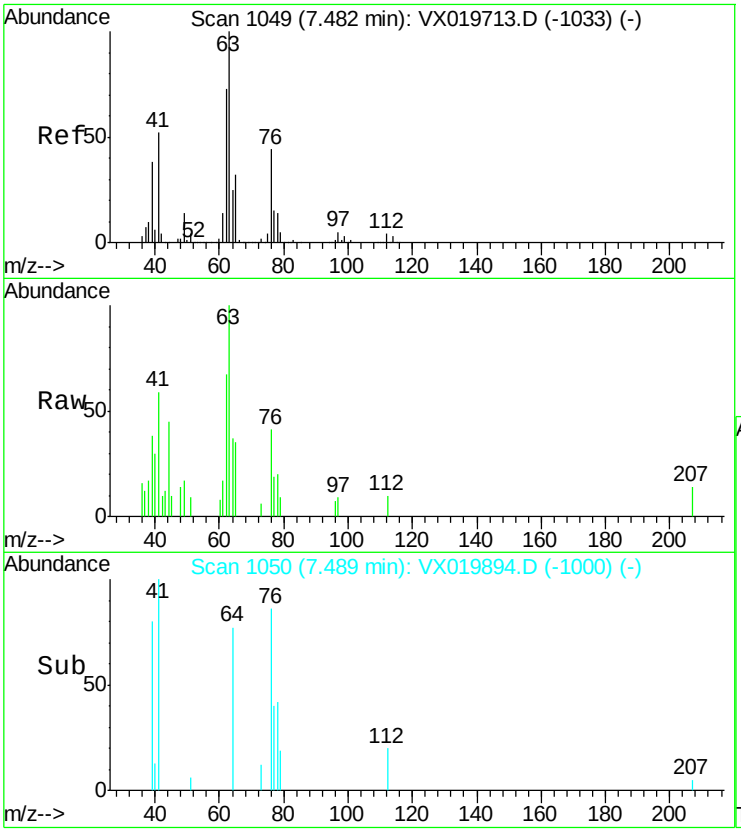


#44
Trichloroethene
Concen: 138.572 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion:130 Resp: 511840

Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	198.0



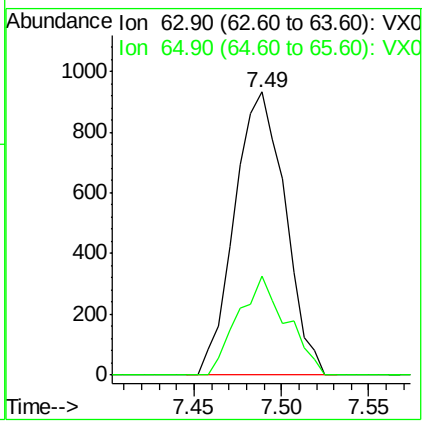


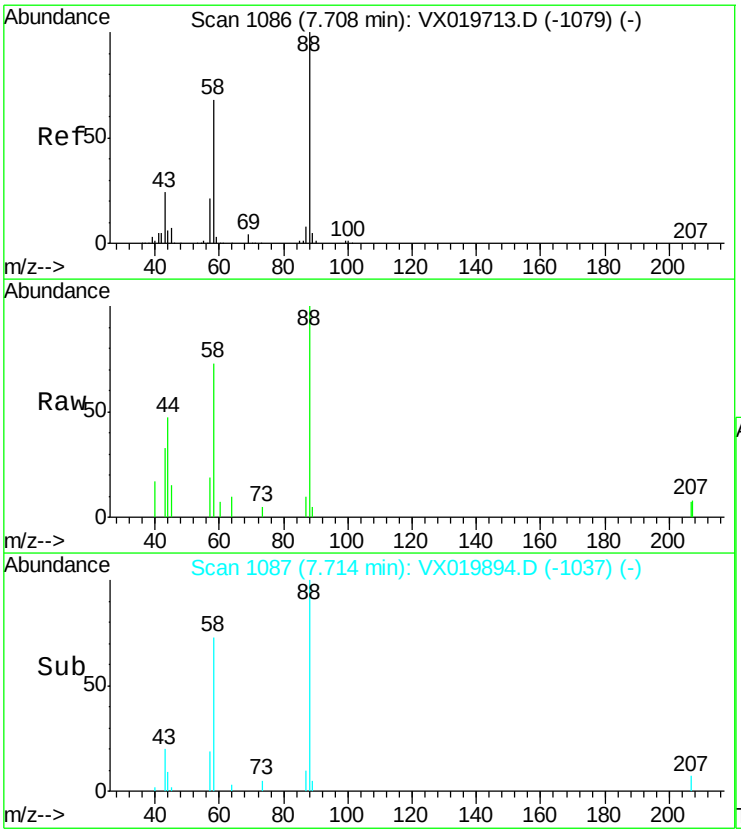
#45
1,2-Dichloropropane
Concen: 0.533 ug/l
RT: 7.49 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion: 63 Resp: 1874

Ion	Ratio	Lower	Upper
63	100		
65	35.1	25.7	38.5

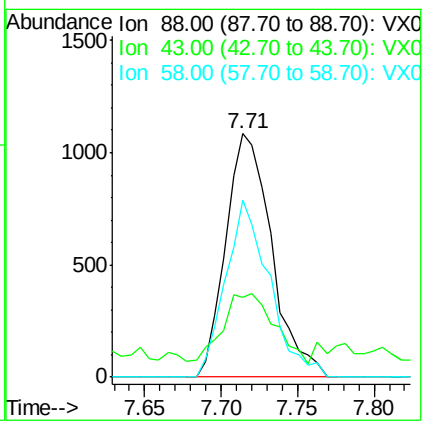


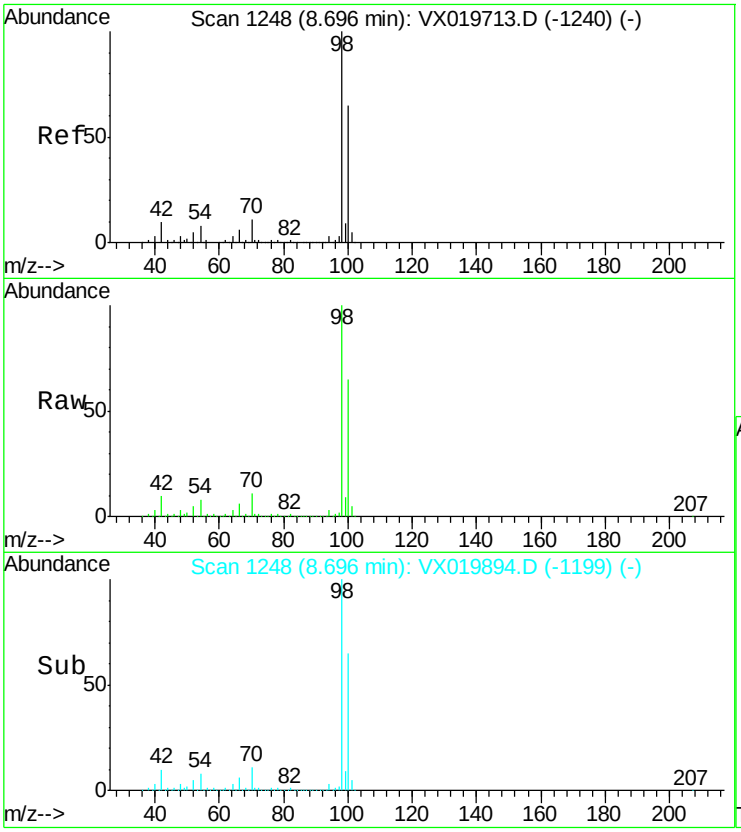


#49
1,4-Dioxane
Concen: 25.009 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 88 Resp: 2254

Ion	Ratio	Lower	Upper
88	100		
43	32.3	23.2	34.8
58	69.3	55.0	82.4



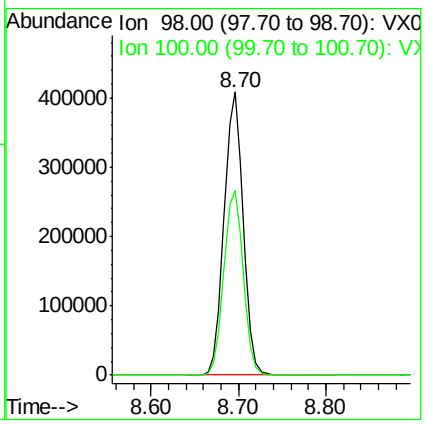


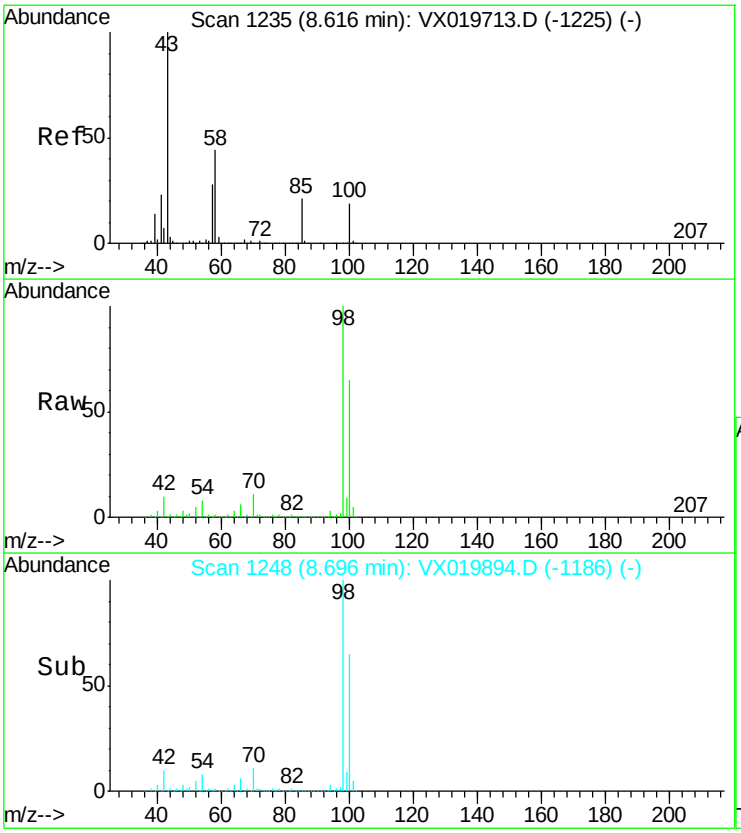
#50
Toluene-d8
Concen: 49.118 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion: 98 Resp: 618073

Ion	Ratio	Lower	Upper
98	100		
100	66.2	51.9	77.9

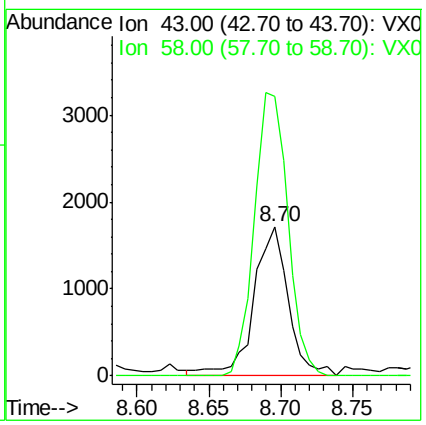


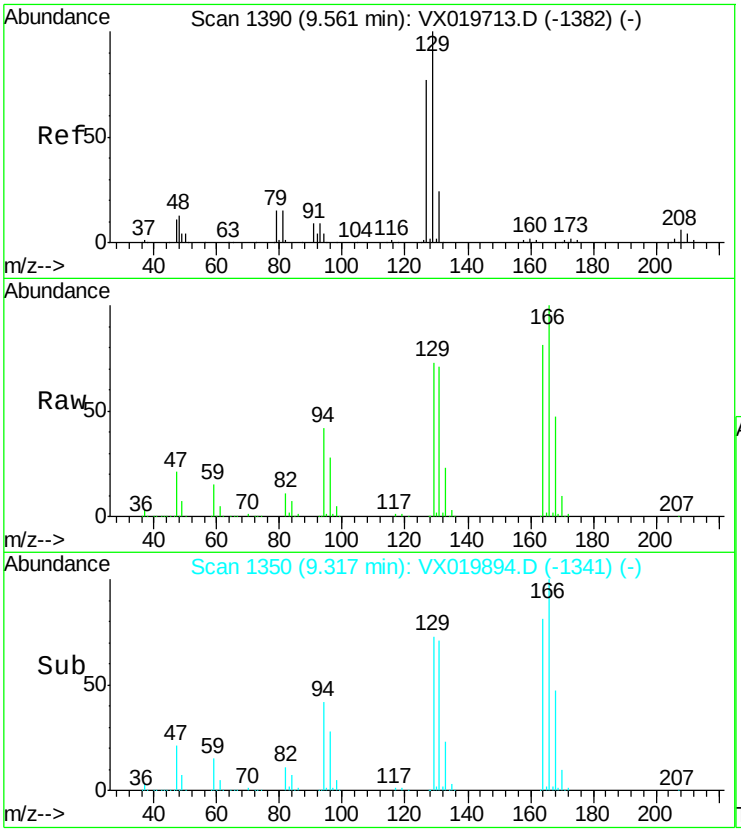


#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.08 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 43 Resp: 2852

Ion	Ratio	Lower	Upper
43	100		
58	183.2	35.4	53.0#



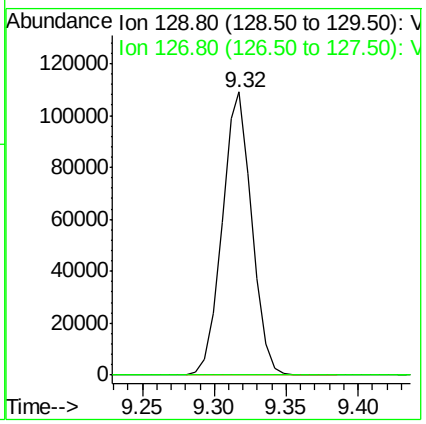


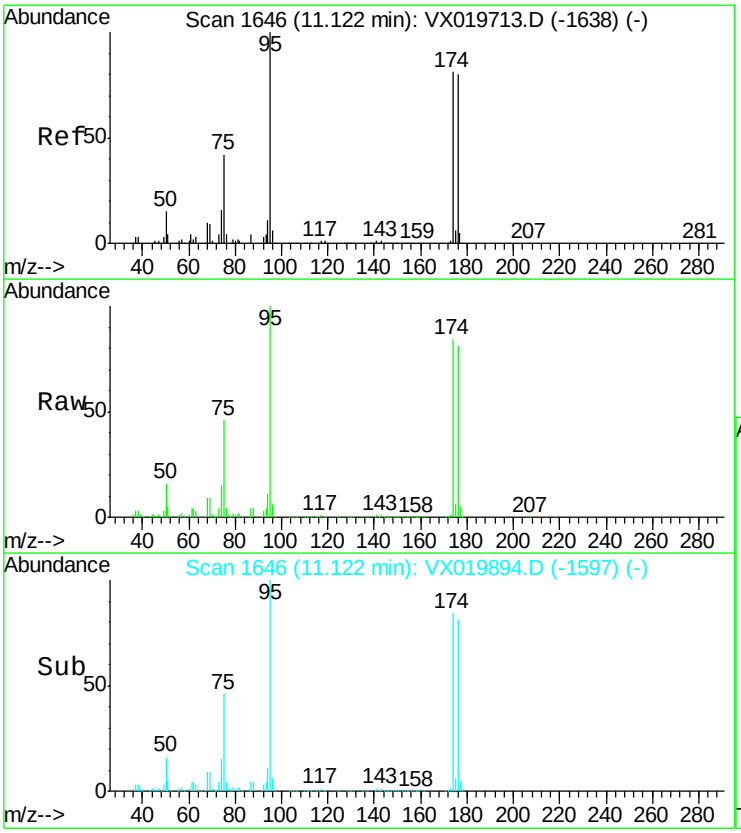
#60
Dibromochloromethane
Concen: 43.431 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.24 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument : MSVOA_X
ClientSampleId : RE134D3-20201208

Tgt Ion:129 Resp: 156565

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

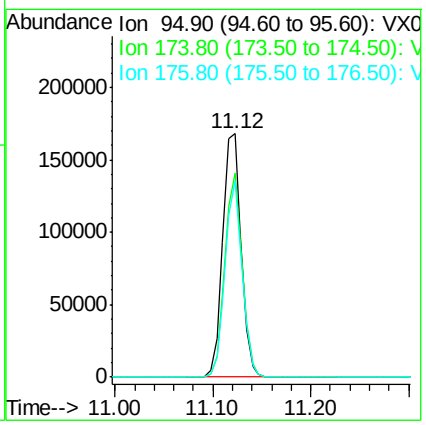


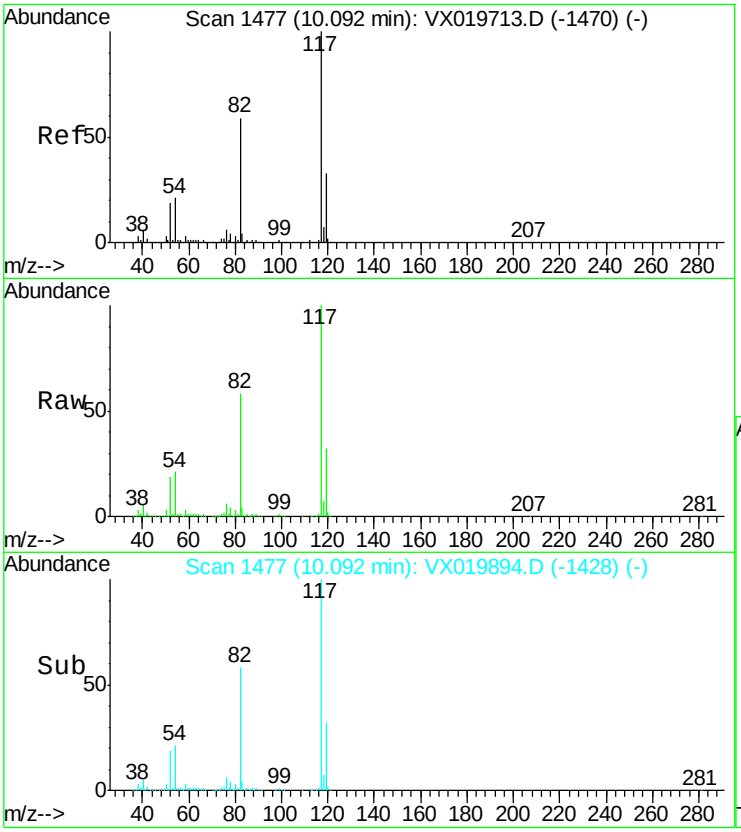


#62
4-Bromofluorobenzene
Concen: 45.897 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 95 Resp: 219820

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	154.6
176	75.3	0.0	155.8



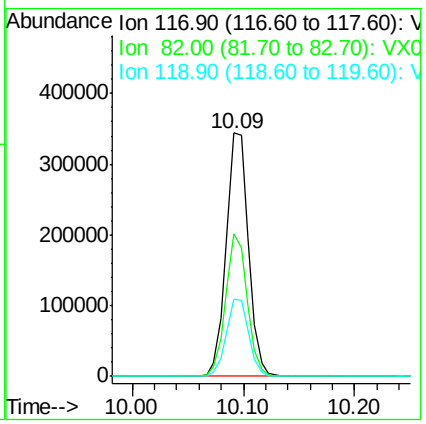


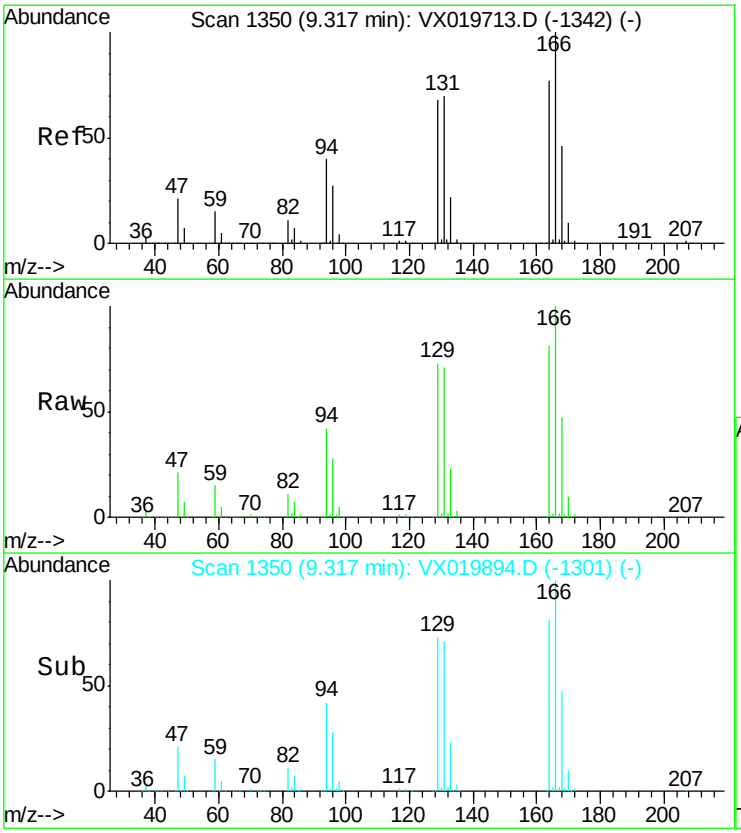
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument : MSVOA_X
ClientSampleId : RE134D3-20201208

Tgt Ion:117 Resp: 475124

Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.4	71.2
119	31.5	26.6	39.8

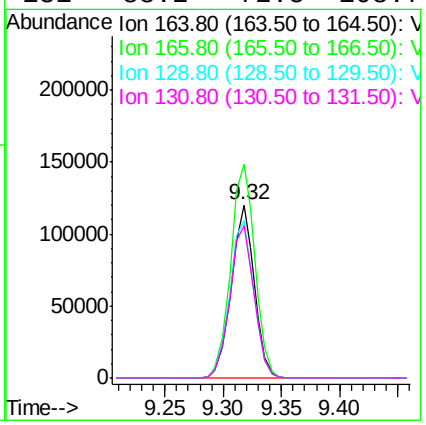


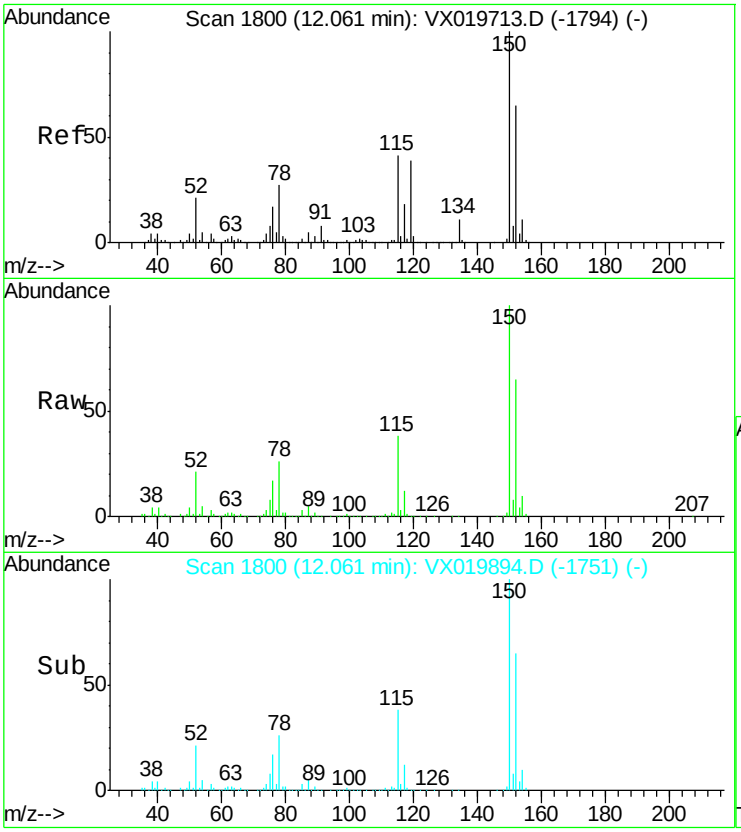


#64
Tetrachloroethene
Concen: 51.477 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion:164 Resp: 164019

Ion	Ratio	Lower	Upper
164	100		
166	123.4	103.4	155.2
129	90.6	70.8	106.2
131	88.2	72.5	108.7



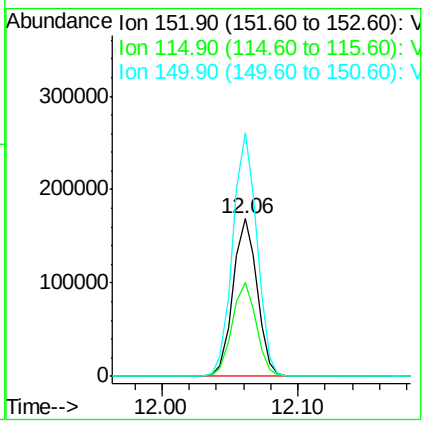


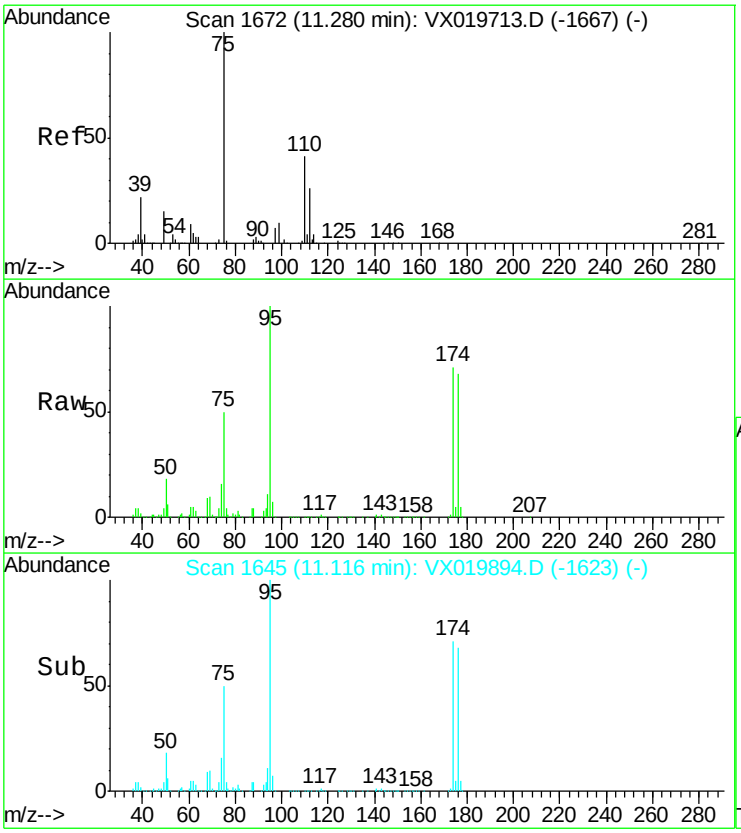
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion:152 Resp: 207970

Ion	Ratio	Lower	Upper
152	100		
115	59.4	41.1	123.3
150	154.8	0.0	349.0

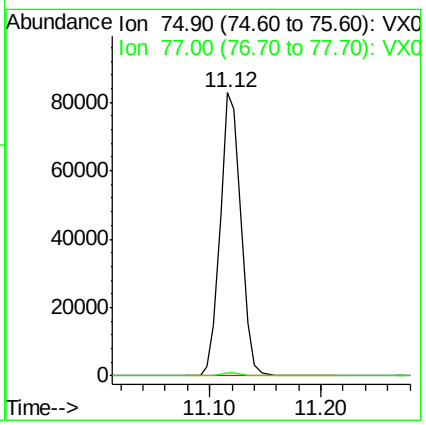


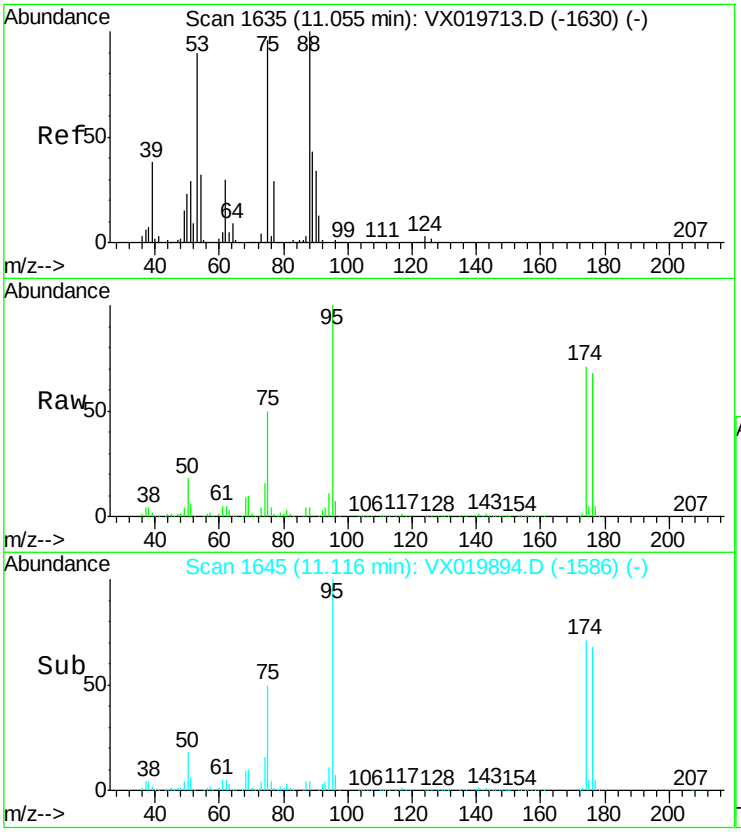


#76
1,2,3-Trichloropropane
Concen: 22.789 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Tgt Ion: 75 Resp: 106296

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.878 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX019894.D
Acq: 11 Dec 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20201208

Tgt Ion: 75 Resp: 106296

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#